

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP01/06964

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> H01M 8/04, H01M 8/02, H01M 8/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> H01M 8/04, H01M 8/02, H01M 8/10

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 3-182052 A (Mitsubishi Heavy Industries, Ltd.),	1, 5-8, 10
Y	08 August, 1991 (08.08.91),	2-8, 10
A	Claims; page 3, upper right column, line 1 to page 4, upper right column, line 5; Figs. 1 to 7 (Family: none)	9, 11-19
Y	JP 11-154523 A (Fuji Electric Co., Ltd.),	2-8, 10
A	08 June, 1999 (08.06.99),	14-19
	Claims (Family: none)	
A	JP 5-41230 A (Fuji Electric Co., Ltd.),	1-12
	19 February, 1993 (19.02.93) (Family: none)	
A	JP 5-283094 A (Toshiba Corporation),	1-12
	29 October, 1993 (29.10.93) (Family: none)	
A	JP 2000-195527 A (Toshiba Corporation),	13-19
	14 July, 2000 (14.07.00) (Family: none)	
P, A	JP 2001-236976 A (Sanyo Electric Co., Ltd.),	2-11, 14-19
	31 August, 2001 (31.08.01) (Family: none)	

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search  
06 November, 2001 (06.11.01)Date of mailing of the international search report  
20 November, 2001 (20.11.01)Name and mailing address of the ISA/  
Japanese Patent Office

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